| L Number | Hits | Search Text | DB | Time stamp |
|---|---|---|---|---|
| 1 | 2202 | ("514/183,252.10,255.06").CCLS | USPAT | 2004/03/12 11:53 |
| 2 | 1884 | ("544/224,336,406,407").CCLS | USPAT | 2004/03/12 11:53 |
| 3 | 151 | (("514/183,252.10,255.06").CCLS) and (("544/224,336,406,407").CCLS) | USPAT | 2004/03/12 11:53 |
| 4 | 0 | ((("514/183,252.10,255.06").CCLS) and (("544/224,336,406,407").CCLS)) and 1,4-diazine | USPAT | 2004/03/12 11:54 |
| 5 | 0 | ((("514/183,252.10,255.06").CCLS) and (("544/224,336,406,407").CCLS)) and syk | USPAT | 2004/03/12 11:54 |
| 6 | 0 | ((("514/183,252.10,255.06").CCLS) and (("544/224,336,406,407").CCLS)) and allerdy | USPAT | 2004/03/12 11:54 |
| 7 | 78 | ((("514/183,252.10,255.06").CCLS) and (("544/224,336,406,407").CCLS)) and naphthyl | USPAT | 2004/03/12 11:54 |
| 8 | 121 | ((("514/183,252.10,255.06").CCLS) and (("544/224,336,406,407").CCLS)) and phenyl | USPAT | 2004/03/12 11:55 |
| 9 | 76 | ((((("514/183,252.10,255.06").CCLS) and (("544/224,336,406,407").CCLS)) and naphthyl) and ((((("514/183,252.10,255.06").CCLS) and (("544/224,336,406,407").CCLS)) and phenyl) | USPAT | 2004/03/12 11:57 |
| 10 | 60 | ((("514/183,252.10,255.06").CCLS) and (("544/224,336,406,407").CCLS)) and pyrazine | USPAT | 2004/03/12 11:58 |

```
Welcome to STN International!  Enter x:x

LOGINID:ssspta1611sxp

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2


* * * * * * * * * *  Welcome to STN International  * * * * * * * * * *

 NEWS  1          Web Page URLs for STN Seminar Schedule - N. America
 NEWS  2          "Ask CAS" for self-help around the clock
 NEWS  3  SEP 09  CA/CAplus records now contain indexing from 1907 to the
                  present
 NEWS  4  DEC 08  INPADOC: Legal Status data reloaded
 NEWS  5  SEP 29  DISSABS now available on STN
 NEWS  6  OCT 10  PCTFULL: Two new display fields added
 NEWS  7  OCT 21  BIOSIS file reloaded and enhanced
 NEWS  8  OCT 28  BIOSIS file segment of TOXCENTER reloaded and enhanced
 NEWS  9  NOV 24  MSDS-CCOHS file reloaded
 NEWS 10  DEC 08  CABA reloaded with left truncation
 NEWS 11  DEC 08  IMS file names changed
 NEWS 12  DEC 09  Experimental property data collected by CAS now available
                  in REGISTRY
 NEWS 13  DEC 09  STN Entry Date available for display in REGISTRY and CA/CAplus
 NEWS 14  DEC 17  DGENE: Two new display fields added
 NEWS 15  DEC 18  BIOTECHNO no longer updated
 NEWS 16  DEC 19  CROPU no longer updated; subscriber discount no longer
                  available
 NEWS 17  DEC 22  Additional INPI reactions and pre-1907 documents added to CAS
                  databases
 NEWS 18  DEC 22  IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields
 NEWS 19  DEC 22  ABI-INFORM now available on STN
 NEWS 20  JAN 27  Source of Registration (SR) information in REGISTRY updated
                  and searchable
 NEWS 21  JAN 27  A new search aid, the Company Name Thesaurus, available in
                  CA/CAplus
 NEWS 22  FEB 05  German (DE) application and patent publication number format
                  changes
 NEWS 23  MAR 03  MEDLINE and LMEDLINE reloaded
 NEWS 24  MAR 03  MEDLINE file segment of TOXCENTER reloaded
 NEWS 25  MAR 03  FRANCEPAT now available on STN

 NEWS EXPRESS  MARCH 5 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
               MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
               AND CURRENT DISCOVER FILE IS DATED 3 MARCH 2004
 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS INTER    General Internet Information
 NEWS LOGIN    Welcome Banner and News Items
 NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
 NEWS WWW      CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.
```

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 11:12:32 ON 12 MAR 2004

=> file reg

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 0.21 | 0.21 |

FILE 'REGISTRY' ENTERED AT 11:12:44 ON 12 MAR 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.


Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 10 MAR 2004 HIGHEST RN 661450-61-9
DICTIONARY FILE UPDATES: 10 MAR 2004 HIGHEST RN 661450-61-9

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

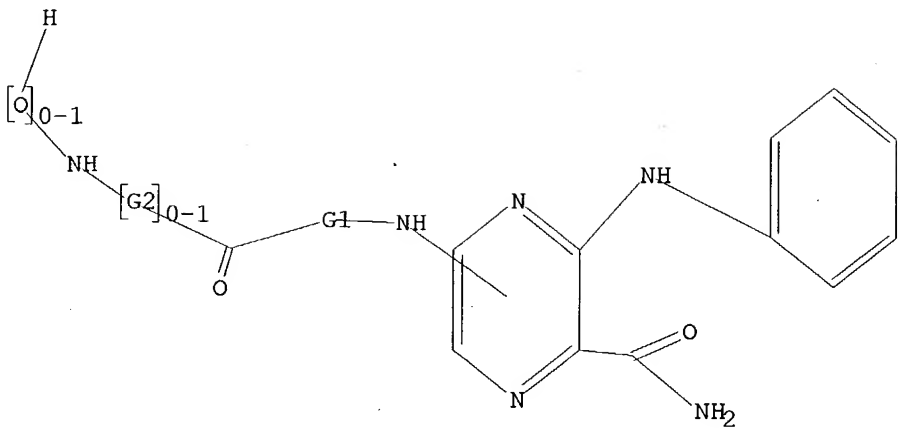
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading c:\program files\stnexp\queries\10009276.5

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 Cb,Cy,Hy,Ak

G2 CH,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,NH,NH2

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full
FULL SEARCH INITIATED 11:13:17 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 61 TO ITERATE

100.0% PROCESSED 61 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L2 0 SEA SSS FUL L1

=> file marpat

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 155.42 | 155.63 |

FILE 'MARPAT' ENTERED AT 11:13:23 ON 12 MAR 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.


FILE CONTENT: 1988-PRESENT (VOL 140 ISS 10)(20040307/ED)

MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 6683216 27 JAN 2004
DE 10317487 12 FEB 2004
EP 1388563 11 FEB 2004
JP 2004047131 12 FEB 2004
WO 2004011964 05 FEB 2004

Structure search limits have been raised. See HELP SLIMIT for the new, higher limits.

```
=> s l1 sss full
FULL SEARCH INITIATED 11:13:31 FILE 'MARPAT'
FULL SCREEN SEARCH COMPLETED -    5124 TO ITERATE

 94.5% PROCESSED     4843 ITERATIONS                          4 ANSWERS

100.0% PROCESSED     5124 ITERATIONS                          4 ANSWERS
SEARCH TIME: 00.00.25

L3             4 SEA SSS FUL L1

=> file caold
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                               109.84     265.47

FILE 'CAOLD' ENTERED AT 11:14:34 ON 12 MAR 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1907-1966
FILE LAST UPDATED:  01 May 1997 (19970501/UP)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.  Title keywords, authors, patent
  assignees, and patent information, e.g., patent numbers, are
  now searchable from 1907-1966.  TIFF images of CA abstracts
  printed between 1907-1966 are available in the PAGE
  display formats.

  This file supports REG1stRY for direct browsing and searching of
  all substance data from the REGISTRY file.  Enter HELP FIRST for
  more information.

=>

=> s l1 sss full
   REG1stRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.



FULL SEARCH INITIATED 11:14:44 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      61 TO ITERATE

100.0% PROCESSED       61 ITERATIONS                          0 ANSWERS
SEARCH TIME: 00.00.01

L4             0 SEA SSS FUL L1


L5           0 L4
```

```
=> file caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.42     421.73

FILE 'CAPLUS' ENTERED AT 11:14:49 ON 12 MAR 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)
```

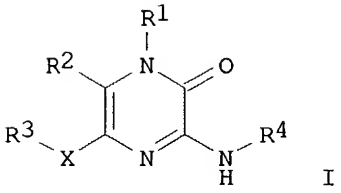


```
FILE COVERS 1907 - 12 Mar 2004  VOL 140 ISS 12
FILE LAST UPDATED: 11 Mar 2004  (20040311/ED)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.


=> d his

     (FILE 'HOME' ENTERED AT 11:12:32 ON 12 MAR 2004)

     FILE 'REGISTRY' ENTERED AT 11:12:44 ON 12 MAR 2004
L1              STRUCTURE UPLOADED
L2            0 S L1 SSS FULL

     FILE 'MARPAT' ENTERED AT 11:13:23 ON 12 MAR 2004
L3            4 S L1 SSS FULL

     FILE 'CAOLD' ENTERED AT 11:14:34 ON 12 MAR 2004
                S L1

     FILE 'REGISTRY' ENTERED AT 11:14:43 ON 12 MAR 2004
L4            0 S L1 SSS FULL

     FILE 'CAOLD' ENTERED AT 11:14:44 ON 12 MAR 2004
L5            0 S L4 SSS FULL

     FILE 'CAPLUS' ENTERED AT 11:14:49 ON 12 MAR 2004

=> s l3
L6            4 L3

=> d l6 fbib hitstr abs total

L6   ANSWER 1 OF 4  CAPLUS  COPYRIGHT 2004 ACS on STN
```

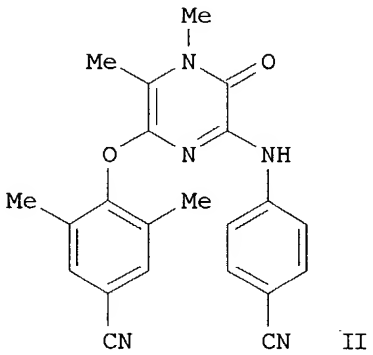
AN 2002:777732 CAPLUS
DN **137:294978**
TI Preparation of HIV inhibiting pyrazinones
IN Janssen, Paul Adriaan Jan; Van Aken, Koen Jeanne Alfons; Lewi, Paulus Joannes; Koymans, Lucien Maria Henricus; De Jonge, Marc Rene; Heeres, Jan; Daeyaert, Frederik Frans Desire; Hoornaert, Georges Joseph Cornelius; Compernolle, Frans Josef Cornelius; Kilonda, Amuri
PA Janssen Pharmaceutica N.V., Belg.
SO PCT Int. Appl., 52 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| PI WO 2002078708 | A1 | 20021010 | WO 2002-EP2806 | 20020313 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| | | | EP 2001-200971 A | 20010315 |
| EP 1370265 | A1 | 20031217 | EP 2002-740421 | 20020313 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| | | | EP 2001-200971 A | 20010315 |
| | | | WO 2002-EP2806 W | 20020313 |

OS MARPAT 137:294978
GI



I



II

AB The title compds. [I; R1 = H, OH, CN, etc.; R2 = H, halo, SH, etc.; R3, R4 = (un)substituted Ph, pyridyl, pyrimidinyl, etc.; X = O, N:N, NHNH, NR14, alkanediyl, etc.; R14 = H, aryl, formyl, etc.], useful in inhibiting HIV replication, were prepared Thus, refluxing 5-bromo-3-(4-cyanophenylamino)-

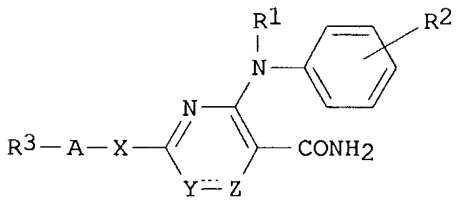
1,6-dimethyl-2(1H)-pyrazinone (preparation given) with 4-hydroxy-3,5-dimethylbenzonitrile in the presence of cesium carbonate, copper(I) chloride, 1-naphthoic acid and mol. sieves 4Å in toluene for 6 days afforded II which showed IC50 of 0.0063 μM against HIV-1.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2000:881124 CAPLUS
DN **134:42141**
TI Preparation of novel heterocyclic carboxamide derivatives as spleen tyrosine kinase inhibitors
IN Hisamichi, Hiroyuki; Kawazoe, Souichirou; Tanabe, Kazuhito; Ichikawa, Atsushi; Orita, Akiko; Suzuki, Takayuki; Onda, Kenichi; Takeuchi, Makoto
PA Yamanouchi Pharmaceutical Co., Ltd., Japan
SO PCT Int. Appl., 36 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| PI WO 2000075113 | A1 | 20001214 | WO 2000-JP3767 | 20000609 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| | | | JP 1999-162692 A | 19990609 |
| JP 2001055378 | A2 | 20010227 | JP 2000-171185 | 20000607 |
| | | | JP 1999-162692 A | 19990609 |
| EP 1184376 | A1 | 20020306 | EP 2000-935619 | 20000609 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| | | | JP 1999-162692 A | 19990609 |
| | | | WO 2000-JP3767 W | 20000609 |

OS MARPAT 134:42141
GI



I

AB Nitrogenous six-membered heterocycle compds. bearing as the substituents

-X-A-R3, -N-(R1)-(R2-substituted Ph) and -CONH2 [I; wherein A = (substituted) lower alkylene, (substituted) (hetero)arylene, cycloalkylene; X = NR4, CONR4, NR4CO, O, S; the dotted line between Y and Z represents the presence of a bond (Y:Z) or the absence of a bond (Y-Z); Y-Z = NR5-CO, CO-NR5, NR5-NR5, CO-CO; Y:Z = N:CR1, CR7:N, N:N, CR7:CR7; R4 = each H, lower alkyl, -CO-lower alkyl, or -SO2-lower alkyl; R2 = H, (halo-substituted) lower alkyl, -O-lower alkyl, -S-lower alkyl, -O-aryl, nitro, cyano, or the like; R3 = -CO2H, -CO2-lower alkyl, -lower alkylene-CO2H, -NH2, -alkylene-NH2, or the like; R5 = H, lower alkyl; R6 = lower alkyl, OH, -O-lower alkyl, -O-(substituted) aryl, -O-lower alkylene-(substituted) aryl, -NR1-(substituted) aryl, -CO-lower alkyl-(substituted) aryl; R7 = H, R6] salts or prodrugs thereof are prepared Also claimed are spleen tyrosine kinase (Syk) inhibitors containing the compds. I or the salts or the prodrugs thereof as the active ingredient. The compds. I are useful for the prevention or treatment of allergies, inflammations, autoimmune diseases, cancers, transplant rejection, graft-vs.-host diseases, and thrombosis. Thus, 2.76 mL cis-1,2-cyclohexanediamine was added to a mixture of 605 mg 6-chloro-2-(3-methylanilino)pyridine-3-carboxamide and 10 mL MeCN and refluxed for 5 days to give 230 mg 6-(cis-2-aminohexylamino)-2-(3-methylanilino)pyrazine-3-carboxamide (II). II showed IC50 of ≤0.05 μM against Syk, good inhibition against passive cutaneous anaphylaxis (PCA) in mice sensitized by anti-dinitrophenyl-IgE (DNP-IgE), and IC50 of ≤0.1 μM against serotonin release according to the assay described by Collado-Escobar (J. Immunol. 144, 1990).

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1997:761738 CAPLUS
DN **128:48245**
TI Preparation of benzamidine derivatives as anticoagulants
IN Buckman, Brad O.; Davey, David D.; Guilford, William J.; Morrissey, Michael M.; Ng, Howard P.; Phillips, Gary B.; Wu, Shung C.; Xu, Wei
PA Berlex Laboratories, Inc., USA
SO U.S., 46 pp., Cont.-in-part of U.S. Ser. No. 401,829, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| PI US 5691364 | A | 19971125 | US 1995-473385 | 19950607 |
| | | | US 1995-401829 B2 | 19950310 |
| CA 2214685 | AA | 19960919 | CA 1996-2214685 | 19960308 |
| | | | US 1995-401829 A | 19950310 |
| | | | US 1995-473385 A | 19950607 |
| WO 9628427 | A1 | 19960919 | WO 1996-US2641 | 19960308 |
| W: AU, CA, JP, US | | | | |
| RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| | | | US 1995-401829 A | 19950310 |
| | | | US 1995-473385 A2 | 19950607 |
| AU 9652994 | A1 | 19961002 | AU 1996-52994 | 19960308 |
| AU 707323 | B2 | 19990708 | | |
| | | | US 1995-401829 A | 19950310 |
| | | | US 1995-473385 A | 19950607 |
| | | | WO 1996-US2641 W | 19960308 |

| | | | | |
|---|---|---|---|---|
| EP 813525 | A1 | 19971229 | EP 1996-909536 | 19960308 |
| EP 813525 | B1 | 20031001 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | | |
| | | | US 1995-401829 A | 19950310 |
| | | | US 1995-473385 A | 19950607 |
| | | | WO 1996-US2641 W | 19960308 |
| AT 251141 | E | 20031015 | AT 1996-909536 | 19960308 |
| | | | US 1995-401829 A | 19950310 |
| | | | US 1995-473385 A | 19950607 |
| | | | WO 1996-US2641 W | 19960308 |
| US 5877181 | A | 19990302 | US 1997-910774 | 19970813 |
| | | | US 1995-401829 B2 | 19950310 |
| | | | US 1995-473385 A3 | 19950607 |
| US 5883100 | A | 19990316 | US 1997-910614 | 19970813 |
| | | | US 1995-401829 B2 | 19950310 |
| | | | US 1995-473385 A3 | 19950607 |
| US 5889005 | A | 19990330 | US 1997-910876 | 19970813 |
| | | | US 1995-401829 B2 | 19950310 |
| | | | US 1995-473385 A3 | 19950607 |
| US 6034103 | A | 20000307 | US 1997-910609 | 19970813 |
| | | | US 1995-401829 B2 | 19950310 |
| | | | US 1995-473385 A3 | 19950607 |
| US 6306884 | B1 | 20011023 | US 1999-436399 | 19991108 |
| | | | US 1995-401829 B2 | 19950310 |
| | | | US 1995-473385 A2 | 19950607 |
| | | | WO 1996-US2641 W | 19960308 |
| | | | US 1997-913241 A3 | 19971208 |
| US 6350746 | B1 | 20020226 | US 1999-457457 | 19991208 |
| | | | US 1995-401829 B2 | 19950310 |
| | | | US 1995-473385 A3 | 19950607 |
| | | | US 1997-910609 A3 | 19970813 |

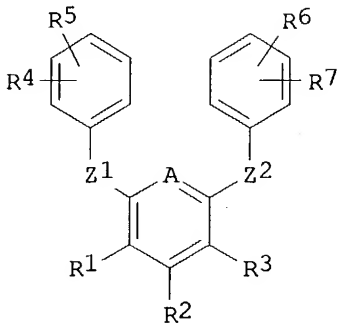
PATENT FAMILY INFORMATION:

FAN 1996:701501

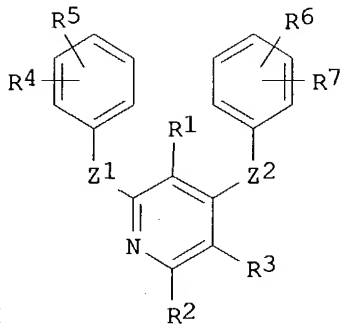
| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|---|
| PI | WO 9628427 | A1 | 19960919 | WO 1996-US2641 | 19960308 |
| | W: AU, CA, JP, US | | | | |
| | RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| | | | | US 1995-401829 A | 19950310 |
| | | | | US 1995-473385 A2 | 19950607 |
| | US 5691364 | A | 19971125 | US 1995-473385 | 19950607 |
| | | | | US 1995-401829 B2 | 19950310 |
| | AU 9652994 | A1 | 19961002 | AU 1996-52994 | 19960308 |
| | AU 707323 | B2 | 19990708 | | |
| | | | | US 1995-401829 A | 19950310 |
| | | | | US 1995-473385 A | 19950607 |
| | | | | WO 1996-US2641 W | 19960308 |
| | EP 813525 | A1 | 19971229 | EP 1996-909536 | 19960308 |
| | EP 813525 | B1 | 20031001 | | |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | | |
| | | | | US 1995-401829 A | 19950310 |
| | | | | US 1995-473385 A | 19950607 |
| | | | | WO 1996-US2641 W | 19960308 |
| | JP 2000515846 | T2 | 20001128 | JP 1996-527640 | 19960308 |
| | | | | US 1995-401829 A | 19950310 |

| | | | |
|---|---|---|---|
| | | | WO 1996-US2641 W 19960308 |
| AT 251141 | E | 20031015 | AT 1996-909536 19960308 |
| | | | US 1995-401829 A 19950310 |
| | | | US 1995-473385 A 19950607 |
| | | | WO 1996-US2641 W 19960308 |
| US 6004981 | A | 19991221 | US 1997-913241 19971208 |
| | | | WO 1996-US2641 W 19960308 |
| US 6306884 | B1 | 20011023 | US 1999-436399 19991108 |
| | | | US 1995-401829 B219950310 |
| | | | US 1995-473385 A219950607 |
| | | | WO 1996-US2641 W 19960308 |
| | | | US 1997-913241 A319971208 |
| US 2002028820 | A1 | 20020307 | US 2001-924893 20010807 |
| US 6686364 | B2 | 20040203 | |
| | | | WO 1996-US2641 W 19960308 |
| | | | US 1997-913241 A319971208 |
| | | | US 1999-436399 A319991108 |
| US 2002035109 | A1 | 20020321 | US 2001-924413 20010807 |
| US 6479485 | B2 | 20021112 | |
| | | | WO 1996-US2641 W 19960308 |
| | | | US 1997-913241 A319971208 |
| | | | US 1999-436399 A319991108 |
| US 2002032223 | A1 | 20020314 | US 2001-924412 20010808 |
| US 6465459 | B2 | 20021015 | |
| | | | WO 1996-US2641 W 19960308 |
| | | | US 1997-913241 A319971208 |
| | | | US 1999-436399 A319991108 |

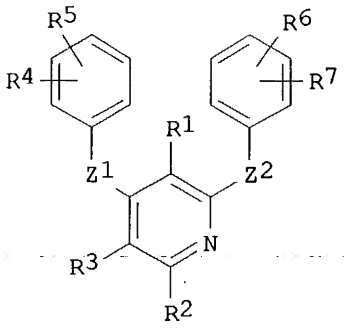
OS MARPAT 128:48245
GI




I




II




III

AB The title compds. [I-III; A = N; Z1, Z2 = O, S; R1, R3 = H, halo, alkyl, haloalkyl, etc.; R2 = H, halo, alkyl, haloalkyl, etc.; R4, R7 = H, halo, alkyl, NO2, etc.; R5 = C(:NH)NH2, C(:NH)NHOR8, etc.; R6 = (un)substituted (1,2)-imidazolyl or (1,2)-imidazolinyl; R8 = H, alkyl, aryl, etc.] are prepared I-III are useful as anticoagulants for treatment of disease-states characterized by thrombotic activity. Thus, 3,3'-[2,6-pyridinylbis(oxy)]bis(benzonitrile) (preparation given) was treated with HCl to give the title compound 3,3'-[2,6-pyridinylbis(oxy)]bis(benzamidine).2HCl. A formulation containing I-III were prepared

L6 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1996:701501 CAPLUS
DN **125:328514**
TI Preparation of benzamidine derivatives as anticoagulants
IN Buckman, Brad O.; Davey, David D.; Guilford, William J.; Morrissey, Michael M.; Ng, Howard P.; Phillips, Gary B.; Wu, Shung C.; Xu, Wei
PA Berlex Laboratories, Inc., USA
SO PCT Int. Appl., 123 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|---|
| PI | WO 9628427 | A1 | 19960919 | WO 1996-US2641 | 19960308 |
| | W: AU, CA, JP, US | | | | |
| | RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| | | | | US 1995-401829 A | 19950310 |
| | | | | US 1995-473385 A2 | 19950607 |

| | | | | |
|---|---|---|---|---|
| US 5691364 | A | 19971125 | US 1995-473385 | 19950607 |
| | | | US 1995-401829 | B219950310 |
| AU 9652994 | A1 | 19961002 | AU 1996-52994 | 19960308 |
| AU 707323 | B2 | 19990708 | | |
| | | | US 1995-401829 | A 19950310 |
| | | | US 1995-473385 | A 19950607 |
| | | | WO 1996-US2641 | W 19960308 |
| EP 813525 | A1 | 19971229 | EP 1996-909536 | 19960308 |
| EP 813525 | B1 | 20031001 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | | |
| | | | US 1995-401829 | A 19950310 |
| | | | US 1995-473385 | A 19950607 |
| | | | WO 1996-US2641 | W 19960308 |
| JP 2000515846 | T2 | 20001128 | JP 1996-527640 | 19960308 |
| | | | US 1995-401829 | A 19950310 |
| | | | WO 1996-US2641 | W 19960308 |
| AT 251141 | E | 20031015 | AT 1996-909536 | 19960308 |
| | | | US 1995-401829 | A 19950310 |
| | | | US 1995-473385 | A 19950607 |
| | | | WO 1996-US2641 | W 19960308 |
| US 6004981 | A | 19991221 | US 1997-913241 | 19971208 |
| | | | WO 1996-US2641 | W 19960308 |
| US 6306884 | B1 | 20011023 | US 1999-436399 | 19991108 |
| | | | US 1995-401829 | B219950310 |
| | | | US 1995-473385 | A219950607 |
| | | | WO 1996-US2641 | W 19960308 |
| | | | US 1997-913241 | A319971208 |
| US 2002028820 | A1 | 20020307 | US 2001-924893 | 20010807 |
| US 6686364 | B2 | 20040203 | | |
| | | | WO 1996-US2641 | W 19960308 |
| | | | US 1997-913241 | A319971208 |
| | | | US 1999-436399 | A319991108 |
| US 2002035109 | A1 | 20020321 | US 2001-924413 | 20010807 |
| US 6479485 | B2 | 20021112 | | |
| | | | WO 1996-US2641 | W 19960308 |
| | | | US 1997-913241 | A319971208 |
| | | | US 1999-436399 | A319991108 |
| US 2002032223 | A1 | 20020314 | US 2001-924412 | 20010808 |
| US 6465459 | B2 | 20021015 | | |
| | | | WO 1996-US2641 | W 19960308 |
| | | | US 1997-913241 | A319971208 |
| | | | US 1999-436399 | A319991108 |

PATENT FAMILY INFORMATION:

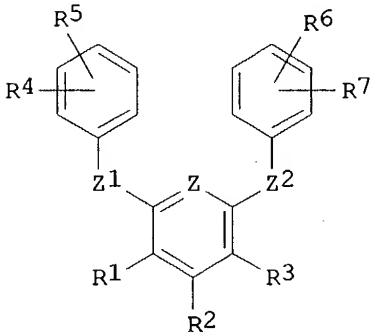
FAN 1997:761738

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|---|
| PI | US 5691364 | A | 19971125 | US 1995-473385 | 19950607 |
| | | | | US 1995-401829 | B219950310 |
| | CA 2214685 | AA | 19960919 | CA 1996-2214685 | 19960308 |
| | | | | US 1995-401829 | A 19950310 |
| | | | | US 1995-473385 | A 19950607 |
| | WO 9628427 | A1 | 19960919 | WO 1996-US2641 | 19960308 |
| | W: AU, CA, JP, US | | | | |
| | RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| | | | | US 1995-401829 | A 19950310 |
| | | | | US 1995-473385 | A219950607 |

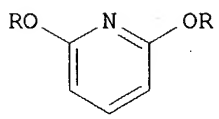
| | | | |
|---|---|---|---|
| AU 9652994 | A1 | 19961002 | AU 1996-52994 19960308 |
| AU 707323 | B2 | 19990708 | |
| | | | US 1995-401829 A 19950310 |
| | | | US 1995-473385 A 19950607 |
| | | | WO 1996-US2641 W 19960308 |
| EP 813525 | A1 | 19971229 | EP 1996-909536 19960308 |
| EP 813525 | B1 | 20031001 | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | |
| | | | US 1995-401829 A 19950310 |
| | | | US 1995-473385 A 19950607 |
| | | | WO 1996-US2641 W 19960308 |
| AT 251141 | E | 20031015 | AT 1996-909536 19960308 |
| | | | US 1995-401829 A 19950310 |
| | | | US 1995-473385 A 19950607 |
| | | | WO 1996-US2641 W 19960308 |
| US 5877181 | A | 19990302 | US 1997-910774 19970813 |
| | | | US 1995-401829 B219950310 |
| | | | US 1995-473385 A319950607 |
| US 5883100 | A | 19990316 | US 1997-910614 19970813 |
| | | | US 1995-401829 B219950310 |
| | | | US 1995-473385 A319950607 |
| US 5889005 | A | 19990330 | US 1997-910876 19970813 |
| | | | US 1995-401829 B219950310 |
| | | | US 1995-473385 A319950607 |
| US 6034103 | A | 20000307 | US 1997-910609 19970813 |
| | | | US 1995-401829 B219950310 |
| | | | US 1995-473385 A319950607 |
| US 6306884 | B1 | 20011023 | US 1999-436399 19991108 |
| | | | US 1995-401829 B219950310 |
| | | | US 1995-473385 A219950607 |
| | | | WO 1996-US2641 W 19960308 |
| | | | US 1997-913241 A319971208 |
| US 6350746 | B1 | 20020226 | US 1999-457457 19991208 |
| | | | US 1995-401829 B219950310 |
| | | | US 1995-473385 A319950607 |
| | | | US 1997-910609 A319970813 |

OS MARPAT 125:328514

GI




I



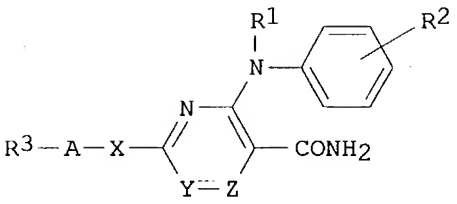

II

AB Title compds., e.g., I [R1,R3 = H, halo, alkyl, alkoxy, etc.; R2 = H,

halo, alkyl, OR8, etc.; R4,R7 = H, halo, alkyl, OR8, etc.; R5 = C(:NH)NH2, C(:NH)NHOR8, C(:NH)NHCOR8, etc.; R6 = halo, alkyl, haloalkoxy, etc.; R8 = H, (ar)alkyl, aryl; Z = CR11 or N; R11 = H, halo, alkyl; Z1,Z2 = O, NR8, S, OCH2] were prepared as anticoagulants (no data). Thus, 2,6-difluoropyridine was bis-etherified bu 3-(NC)C6H4OH and the product treated successively with HCl and NH3 to give title compound II.2HCl [R = C6H4[C(:NH)NH2]-3].

```
=> s syk inhibitors and allergy
L7            2 SYK INHIBITORS AND ALLERGY

=> s syl inhibitors and diseases
L8            0 SYL INHIBITORS AND DISEASES

=> s syk inhibitors and diseases
L9            2 SYK INHIBITORS AND DISEASES

=> s l7 and l9
L10           1 L7 AND L9

=> d l10 fbib hitstr abs total

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
AN   2000:881124 CAPLUS
DN   134:42141
TI   Preparation of novel heterocyclic carboxamide derivatives as spleen
     tyrosine kinase inhibitors
IN   Hisamichi, Hiroyuki; Kawazoe, Souichirou; Tanabe, Kazuhito; Ichikawa,
     Atsushi; Orita, Akiko; Suzuki, Takayuki; Onda, Kenichi; Takeuchi, Makoto
PA   Yamanouchi Pharmaceutical Co., Ltd., Japan
SO   PCT Int. Appl., 36 pp.
     CODEN: PIXXD2
DT   Patent
LA   Japanese
FAN.CNT 1
     PATENT NO.        KIND  DATE          APPLICATION NO.  DATE
     ----------------  ----  --------      ---------------  --------
PI   WO 2000075113      A1   20001214      WO 2000-JP3767   20000609
        W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR,
           CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,
           ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,
           LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD,
           SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU,
           ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
        RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
           DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
           CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
                                         JP 1999-162692 A 19990609
     JP 2001055378      A2   20010227     JP 2000-171185   20000607
                                         JP 1999-162692 A 19990609
     EP 1184376         A1   20020306     EP 2000-935619   20000609
        R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
           IE, SI, LT, LV, FI, RO
                                         JP 1999-162692 A 19990609
                                         WO 2000-JP3767 W 20000609
OS   MARPAT 134:42141
```

GI



I

AB Nitrogenous six-membered heterocycle compds. bearing as the substituents -X-A-R3, -N-(R1)-(R2-substituted Ph) and -CONH2 [I; wherein A = (substituted) lower alkylene, (substituted) (hetero)arylene, cycloalkylene; X = NR4, CONR4, NR4CO, O, S; the dotted line between Y and Z represents the presence of a bond (Y:Z) or the absence of a bond (Y-Z); Y-Z = NR5-CO, CO-NR5, NR5-NR5, CO-CO; Y:Z = N:CR1, CR7:N, N:N, CR7:CR7; R4 = each H, lower alkyl, -CO-lower alkyl, or -SO2-lower alkyl; R2 = H, (halo-substituted) lower alkyl, -O-lower alkyl, -S-lower alkyl, -O-aryl, nitro, cyano, or the like; R3 = -CO2H, -CO2-lower alkyl, -lower alkylene-CO2H, -NH2, -alkylene-NH2, or the like; R5 = H, lower alkyl; R6 = lower alkyl, OH, -O-lower alkyl, -O-(substituted) aryl, -O-lower alkylene-(substituted) aryl, -NR1-(substituted) aryl, -CO-lower alkyl-(substituted) aryl; R7 = H, R6] salts or prodrugs thereof are prepared Also claimed are spleen tyrosine kinase (**Syk**) **inhibitors** containing the compds. I or the salts or the prodrugs thereof as the active ingredient. The compds. I are useful for the prevention or treatment of **allergies**, inflammations, autoimmune **diseases**, cancers, transplant rejection, graft-vs.-host **diseases**, and thrombosis. Thus, 2.76 mL cis-1,2-cyclohexanediamine was added to a mixture of 605 mg 6-chloro-2-(3-methylanilino)pyridine-3-carboxamide and 10 mL MeCN and refluxed for 5 days to give 230 mg 6-(cis-2-aminohexylamino)-2-(3-methylanilino)pyrazine-3-carboxamide (II). II showed IC50 of ≤0.05 μM against Syk, good inhibition against passive cutaneous anaphylaxis (PCA) in mice sensitized by anti-dinitrophenyl-IgE (DNP-IgE), and IC50 of ≤0.1 μM against serotonin release according to the assay described by Collado-Escobar (J. Immunol. 144, 1990).

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 11:12:32 ON 12 MAR 2004)

FILE 'REGISTRY' ENTERED AT 11:12:44 ON 12 MAR 2004
L1 STRUCTURE UPLOADED
L2 0 S L1 SSS FULL

FILE 'MARPAT' ENTERED AT 11:13:23 ON 12 MAR 2004
L3 4 S L1 SSS FULL

FILE 'CAOLD' ENTERED AT 11:14:34 ON 12 MAR 2004

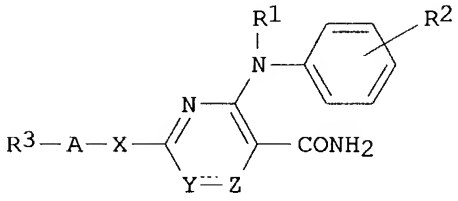
```
               S L1

     FILE 'REGISTRY' ENTERED AT 11:14:43 ON 12 MAR 2004
L4             0 S L1 SSS FULL

     FILE 'CAOLD' ENTERED AT 11:14:44 ON 12 MAR 2004
L5             0 S L4 SSS FULL

     FILE 'CAPLUS' ENTERED AT 11:14:49 ON 12 MAR 2004
L6             4 S L3
L7             2 S SYK INHIBITORS AND ALLERGY
L8             0 S SYL INHIBITORS AND DISEASES
L9             2 S SYK INHIBITORS AND DISEASES
L10            1 S L7 AND L9

=> d l7 fbib hitstr abs total

L7   ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2004 ACS on STN
AN   2003:634677  CAPLUS
TI   Synthetic studies on heteroaryl carboxamide derivatives as novel
     Syk inhibitors
AU   Hisamichi, Hiroyuki; Kawazoe, Souichirou; Naito, Ryo; Toyoshima, Akira;
     Ichikawa, Atsushi; Orita, Akiko; Orita, Masaya; Nakai, Ei-ichi; Takeuchi,
     Makoto; Ohta, Mitsuaki; Tsukamoto, Shin-ichi
CS   Institute for Drug Discovery Research, Yamanouchi Pharmaceutical Co., Ltd,
     Tsukuba, Ibaraki, 3058585, Japan
SO   Abstracts of Papers, 226th ACS National Meeting, New York, NY, United
     States, September 7-11, 2003 (2003), MEDI-068 Publisher: American Chemical
     Society, Washington, D. C.
     CODEN: 69EKY9
DT   Conference; Meeting Abstract
LA   English
AB   As a part of searching for spleen tyrosine kinase (Syk)
     inhibitors as potential therapeutic agents for allergy,
     heteroaryl carboxamide derivs. were synthesized and evaluated for
     inhibitory activities to Syk and to antigen-induced serotonin release from
     RBL-2H3 cells.  Among these compds., pyrimidine-5-carboxamide derivs. and
     pyrazine-2-carboxamide derivs. showed excellent Syk inhibitory activities
     with IC50 values below 10 nM and serotonin release inhibitory activities
     with IC50 values below 30 nM.  Some of these compds. also exhibited
     inhibitory activities on passive cutaneous anaphylaxis model in mice
     (ID50=10-30 mg/kg, p.o.).  These compds., therefore, would be expected as
     a drug for the treatment of allerg,TM.  The synthesis and
     structure-activity relationships of these compds. will be presented.

L7   ANSWER 2 OF 2  CAPLUS  COPYRIGHT 2004 ACS on STN
AN   2000:881124  CAPLUS
DN   134:42141
TI   Preparation of novel heterocyclic carboxamide derivatives as spleen
     tyrosine kinase inhibitors
IN   Hisamichi, Hiroyuki; Kawazoe, Souichirou; Tanabe, Kazuhito; Ichikawa,
     Atsushi; Orita, Akiko; Suzuki, Takayuki; Onda, Kenichi; Takeuchi, Makoto
PA   Yamanouchi Pharmaceutical Co., Ltd., Japan
SO   PCT Int. Appl., 36 pp.
     CODEN: PIXXD2
DT   Patent
LA   Japanese
```

FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| PI WO 2000075113 | A1 | 20001214 | WO 2000-JP3767 | 20000609 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| | | | JP 1999-162692 A | 19990609 |
| JP 2001055378 | A2 | 20010227 | JP 2000-171185 | 20000607 |
| | | | JP 1999-162692 A | 19990609 |
| EP 1184376 | A1 | 20020306 | EP 2000-935619 | 20000609 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| | | | JP 1999-162692 A | 19990609 |
| | | | WO 2000-JP3767 W | 20000609 |

OS MARPAT 134:42141

GI



I

AB Nitrogenous six-membered heterocycle compds. bearing as the substituents -X-A-R3, -N-(R1)-(R2-substituted Ph) and -CONH2 [I; wherein A = (substituted) lower alkylene, (substituted) (hetero)arylene, cycloalkylene; X = NR4, CONR4, NR4CO, O, S; the dotted line between Y and Z represents the presence of a bond (Y:Z) or the absence of a bond (Y-Z); Y-Z = NR5-CO, CO-NR5, NR5-NR5, CO-CO; Y:Z = N:CR1, CR7:N, N:N, CR7:CR7; R4 = each H, lower alkyl, -CO-lower alkyl, or -SO2-lower alkyl; R2 = H, (halo-substituted) lower alkyl, -O-lower alkyl, -S-lower alkyl, -O-aryl, nitro, cyano, or the like; R3 = -CO2H, -CO2-lower alkyl, -lower alkylene-CO2H, -NH2, -alkylene-NH2, or the like; R5 = H, lower alkyl; R6 = lower alkyl, OH, -O-lower alkyl, -O-(substituted) aryl, -O-lower alkylene-(substituted) aryl, -NR1-(substituted) aryl, -CO-lower alkyl-(substituted) aryl; R7 = H, R6] salts or prodrugs thereof are prepared Also claimed are spleen tyrosine kinase (**Syk**) **inhibitors** containing the compds. I or the salts or the prodrugs thereof as the active ingredient. The compds. I are useful for the prevention or treatment of **allergies**, inflammations, autoimmune diseases, cancers, transplant rejection, graft-vs.-host diseases, and thrombosis. Thus, 2.76 mL cis-1,2-cyclohexanediamine was added to a mixture of 605 mg 6-chloro-2-(3-methylanilino)pyridine-3-carboxamide and 10 mL MeCN and refluxed for 5 days to give 230 mg 6-(cis-2-aminohexylamino)-2-(3-methylanilino)pyrazine-3-carboxamide (II). II showed IC50 of ≤0.05

μM against Syk, good inhibition against passive cutaneous anaphylaxis (PCA) in mice sensitized by anti-dinitrophenyl-IgE (DNP-IgE), and IC50 of ≤0.1 μM against serotonin release according to the assay described by Collado-Escobar (J. Immunol. 144, 1990).

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> log y

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 49.80 | 471.53 |

| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| CA SUBSCRIBER PRICE | -4.85 | -4.85 |

STN INTERNATIONAL LOGOFF AT 11:18:45 ON 12 MAR 2004